AMENDMENT TO THE ABSTRACT

Amend the Abstract of the Disclosure on page 44, as follows:

DETECTION OF RANDOMNESS IN SPARSE DATA SET OF

THREE DIMENSIONAL TIME SERIES DISTRIBUTIONS

ABSTRACT OF THE DISCLOSURE

A two-stage method is provided for automatically

characterizing the spatial arrangement among data points of a

three-dimensional time series distribution in a data processing

system wherein the classification of ~~said~~ this time series

distribution is required. The invention utilizes two-stage method

Cartesian grids to determine (1) the number of cubes in the grids

containing at least one input data point of the time series

distribution; (2) the expected number of cubes which would contain

at least one data point in a statistically determined random

distribution in ~~said~~ these grids; and (3) an upper and lower

probability of false alarm above and below ~~said~~ this expected

value utilizing a second discrete probability relationship in

order to analyze the randomness characteristic of the input time

series distribution.